

# FOLIO

## University and Business Communities Join Forces

The importance of communication between university and business communities in Canada will be the subject of discussion at a major conference to be held in Edmonton next month. "The Business Community and the University: the Need for Collaboration," sponsored jointly by the Association of Academic Staff of The University of Alberta (AASUA), the Confederation of Alberta Faculty Associations (CAFA), the Canadian Associ-

ation of University Teachers (CAUT), and the Institute for Research on Public Policy (IRPP), will be held at the Four Seasons Hotel from 17 to 19 April.

Among the invited participants to the three-day conference are such notables as The Hon. Robert Stanfield, Chairman of the Board, IRPP; The Hon. Bette Stephenson, Minister of Education, Province of Ontario; The Hon. Serge Joyal, Secretary of State; and Larkin Ker-

win, President of the National Research Council of Canada. They will be joined by representatives of both the business community and the university community. Representatives of The University of Alberta include Myer Horowitz, President; J. Gordin Kaplan, Vice-President, (Research); Ronald Bercov, Associate

Vice-President (Academic); Raymond Lemieux, Professor of Chemistry; and Eric Geddes, Chairman of the University of Alberta 75th Anniversary Appeal.

The registration deadline for the conference is 1 April. More information may be obtained by contacting the AASUA, 432-5321. □

## Science and Technology Expenditures Imposing

The Hon. Donald J. Johnston, Minister of State for Science and Technology and for Economic Development, recently released a summary of the anticipated 1983-84 federal spending in science and technology. The summary was included in the Main Estimates tabled in the House of Commons on 22 February.

Some highlights of this year's expenditures follow:

- Total federal science expenditures for both natural and human sciences

1983-84 compared to the \$2.93 billion spent in 1982-83.

- In the natural sciences, federal budgetary expenditures on research and development (R&D) are expected to rise by \$189.7 million to a total of \$1.96 billion in 1983-84—an increase of more than ten percent.

- Direct federal funding of R&D performed by industry is estimated to reach about \$461.5 million in 1983-84, an increase of about twenty-seven percent over the expenditure of \$364.6 million last year.

- Direct federal support to R&D performed in the universities will reach \$374.2 million in 1983-84 compared to \$352.5 million last year, an increase of six percent.

- Federal funding of R&D and related scientific activities in the human sciences will increase eight percent to \$631.3 million in 1983-84 compared with \$583.3 million spent last year. The universities will receive \$65.3 million in 1983-84 for the human sciences—an increase of fifteen percent. □

## Policy and Procedures for On-Campus Solicitations

The following applies to any and all non-student, non-University affiliated persons or groups who may, from time to time, apply to the Vice-President (Facilities and Services), to come on to University of Alberta property for purposes of advertising, canvassing, promoting or soliciting:

- (1) Application will be made, in writing, to the Vice-President (Facilities and Services) when permission is sought;
- (2) Applications must indicate the purpose for which permission is sought;
- (3) No person or groups to which this policy applies will be permitted on campus more than twice in any

term: (September to December, January to April, May to August); (4) Approval under (3) above may be granted for blocks of time and in places to be determined by the Vice-President (Facilities and Services); (5) At the discretion of the Vice-President (Facilities and Services) approval may be withdrawn for just cause; such as interfering with or interrupting the normal pursuits of the University, its staff and its students, impeding vehicular or pedestrian traffic, creating noise or disturbance and harassing individuals or any like conduct. \* □

\* Approved by the President's Executive Committee 5 November 1982.

### Attention Readers

Due to the Easter holiday, all classified advertisements for the 7 April issue of *Folio* must reach the Editor by 3 p.m. Wednesday, 30 March. As well, all information to be included in the "Coming Events" section must reach the Office of Community Relations by 9 a.m. on 30 March.

## Social Scientist to Present 75th Anniversary Lecture

Seymour Martin Lipset, recognized as one of the world's most eminent social scientists, will present a lecture on Thursday, 31 March, at 4 p.m. in 2-115 Education North. Sponsored jointly by the Departments of Political Science and Sociology, Professor Lipset's lecture is entitled "Radicalism or Reformism: The

Sources of Working-Class Politics."

Professor Lipset, who has long had a research interest in the Canadian prairies (having written a book on the development of the CCF), currently occupies a combined chair in Political Science and Sociology at Stanford University. □

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## And Furthermore, Ladies and Gentlemen ...

The ice on the North Saskatchewan River isn't the only ice breaking up these days. The University Toastmasters Club received its charter last month and at its thrice monthly meetings members are standing up boldly to deliver the "Ice Breaker," the first in a series of fifteen speeches designed to help them become more effective communicators. The "Ice Breaker," incidentally, must be six minutes long; the topic is up to the individual speaker. Toastmasters, which meets Wednesdays at noon in Assiniboia Hall, hears from each member once every six weeks. There is also a monthly dinner meeting at which four people speak.

The current membership stands at twenty-four and there is a good mixture of academic and non-academic staff. People who join Toastmasters, said President Frank Pidner at the 23 February Charter Night Banquet at Lister Hall, usually do so with some specific goals or objectives in mind. For instance, they may want to overcome some apprehension or fear of public speaking and gain some skills in the use of parliamentary procedures as they apply to the conduct of business. More generally, Mr. Pidner continued,

they endeavor to enhance their communication skills and gain some measure of self-improvement by participating in a well defined and structured learning process.

He reminded the audience of nearly 100 people that the University has an entire Faculty—the Faculty of Extension—dedicated largely to continuing adult education. "We as Toastmasters hope to make a minute contribution to this scenario by providing a friendly and congenial environment in which interested members of the University community may practice or sharpen their communication skills within a controlled and organized setting."

The first Toastmasters club was established in the United States in 1924. Today there some 3,300 Toastmasters clubs throughout the world. Each club is a member of Toastmasters International, a non-profit, non-partisan, non-sectarian educational organization based in Santa Ana, California.

The University Toastmasters Club held its initial meeting last September and, having attracted twenty members and elected an executive, requested its charter in December. It is now one of twenty-eight Toastmasters clubs in Edmonton and vicin-

ity. In addition to Mr. Pidner, the executive, which will hold office for one year, consists of John Teskey, Vice-President, Administration; Robert Goldbeck, Liaison Officer; Margaret Hodges, Vice-President, Education; Marlene Sherban, Treasurer; Emma Collins, Sergeant At Arms; and Louise Wright, Secretary.

Membership is open to people over eighteen years of age; there is a \$25 membership fee. Meetings are conducted by the members themselves

in an atmosphere of friendly self-improvement. The various prepared speeches follow the Toastmasters communication and leadership manuals, a multi-part program that begins with the aforementioned "Ice Breaker" and leads to more advanced communication projects. Constructive evaluation, a vital part of Toastmasters training, gives the speaker the audience's reaction and helps participants develop the ability to listen critically and analytically. □

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## Hans Steiner, 1926 - 1982

Hans Steiner, Associate Professor of Geology, died on 8 November 1982. Dr. Steiner was born in Vienna, Austria, in 1926. In 1945, while in the German air force, he was captured and interned in a prison camp in the United States. After his return to Austria, he became Austrian business manager of the Salzburg Seminar in American Studies. In 1953 he emigrated to Canada and worked briefly in the University of Toronto Library. From 1953 to 1957 he was bursar and administrative assistant to Senator Donald Cameron, Director of the Banff School of Fine Arts. In Banff, he met and married Dorothy Johnston. Later he came to The University of Alberta and in 1961 graduated with first class honors in geology, proceeding to the MSc degree one year later.

He then went to Canberra and obtained his PhD from the Australian National University in 1967. In 1969, after some industrial experience, he joined the staff of the Department of Geology at The University of Alberta.

For his doctorate, Dr. Steiner completed a classical study of the depositional environments of some Devonian rocks in New South Wales. While in Australia, he glimpsed what he thought were large-scale patterns in the evolution of the Earth. In the repetition through time of apparently related geological events, he saw the possibility of extra-terrestrial control and of discerning the record of the Earth's voyages around our galaxy. He threw all his resources into advancing this con-

cept and charting its consequences. Had his papers on the Galactic Cycle been published slightly earlier, Dr. Steiner's insight and perception would have had more influence. As it was, earth scientists of the 1960s and 1970s found his concepts difficult to blend into prevailing models. Nevertheless, he continued to explore the implications of his ideas and over the years wrote several calm and reasoned articles. These received wide publicity through discussion in *Nature* and reprinting in the series *Benchmark papers in Geology*, and have earned him a permanent place in the history of the subject. Dr. Steiner will also be remembered here in western Canada for his excellent work on Cretaceous coal seams and on meteorites.

Dr. Steiner was a Fellow of the American Association for the Advancement of Science, the Geological Society of America and the Geological Association of Canada. He was a member of the American Association of Petroleum Geologists, the Canadian Society of Petroleum Geologists, and the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

Hans Steiner was a very special person who touched all who knew him. Endowed with remarkable intellectual ability, he was a humble man of much understanding, loyalty, kindness, humor, patience, and courage. We who remain mourn his passing and extend our sympathy to his wife, Dorothy, and to his son, Shep. □

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## FOLIO

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Volume Nineteen  
Number Thirty-eight

The Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta T6G 2E8  
(403) 432-2325

All enquiries and correspondence should be directed to:  
Ron Thomas  
Editor

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staff and other interested persons. Folio  
contents may be reprinted with  
acknowledgment.

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## Sam Gatzke, 1944 - 1983

Sam Gatzke joined The University of Alberta in 1974 as an electrician. He worked with Physical Plant until 1978 when illness forced him to cease employment. Mr. Gatzke was valued not only as an electrician, but for his all-round trade capabilities including his welding and mechanical repair aptitude. In his private life Mr. Gatzke centred his activities on his family, with some time set aside for his favorite hobbies, hunting and fishing.

Physical Plant personnel are saddened by Mr. Gatzke's passing; their deep sympathy goes to his family.

Mr. Gatzke is survived by his wife, Eva, two daughters, Shelly and Candice, and two sons, Sam and Rick. □

# Barbara (Motyl) Purser, 1922 - 1983

On Friday, 11 March 1983, Barbara (Motyl) Purser passed away at the University of Alberta Hospital.

The last twenty years of her professional career were spent at the University of Alberta Hospital and The University of Alberta. She was supervisor and laboratory scientist in hematology, Department of Laboratory Medicine, University of Alberta Hospital, for thirteen years prior to becoming Coordinator of the Medical Laboratory Science program, Faculty of Medicine, University of Alberta. She retired in 1976 after six years in this position.

Barbara (Motyl) Purser was an active member of her professional association, serving as Provincial President and National Director. Her contributions as a technologist, researcher, and educator in the field of medical technology were formally recognized in 1970 with the awarding of the Gold Medal, the highest award given by the Canadian Society of Laboratory Technologists.

In memory, donations may be made to "The University of Alberta, B. Motyl Prize" and forwarded to Larry Henderson, Administrator of Student Awards, 252 Athabasca Hall, The University of Alberta. □

## service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

## Coming Events

### Lectures and Seminars

#### Department of Psychology

24 March, 3:30 p.m. Brenda Milner, Montreal Neurological Institute and Hospital, McGill University, will present a colloquium on "Cognitive Effects of Frontal Lobe Lesion in Man." P213 Biological Sciences Building.

#### Department of Art and Design

25 March, 2:30 p.m. Norman Yates will chair a panel discussion on "Graduate Studies in Art and Design." 2-20 Fine Arts Building.

#### Departments of Psychology and Zoology

25 March, 2 p.m. J.Z. Young, F.R.S., will present a lecture entitled "Memory as a Selective Process." P319N Biological Sciences Building.  
28 March, 4 p.m. Professor Young will speak on "Beauty and the Brain." CW410 Biological Sciences Building.

#### Department of Philosophy

25 March, 3 p.m. Alan R. White, University of Hull, will present a lecture on "The Grounds of Rights." L-2 Humanities Centre.

#### Department of Zoology

25 March, 3:30 p.m. John Chang will speak on "The Role of Catecholamines in Regulation of Gonadotropin Secretion in Goldfish—The Key to Induced Ovulation." CW410 Biological Sciences Building.

#### Alberta Heritage Foundation for Medical Research

25 March, 3:30 p.m. Bruce Murphy, Department of Biology and Veterinary Physiology, University of Saskatchewan, will present a lecture on "Prolactin and Mammalian Reproduction." CW410 Biological Sciences Building.

29 March, 4 p.m. Roger L. McMacken, John Hopkins University, Baltimore, will speak on "Initiation of Bacteriophage Lambda DNA Replication in Vitro." Hosted by the Department of Biochemistry. 231 Medical Sciences Building.

30 March, 10 a.m. Dorothy Skinner, Oak Ridge National Laboratory, Oak Ridge, Tennessee, will present a lecture on "Recent Progress in the Understanding of Satellite DNA of Crustaceans." Hosted by the Department of Biochemistry. 4-70 Medical Sciences Building.

#### Department of Slavic and East European Studies

28 March, 10 a.m. M. Mace, Head of the Soviet Section, East European Division, Department of External Affairs, will present a lecture entitled "The Soviet Perception of National Security." 3-65 Tory Building.

29 March, 3:30 p.m. Mr. Mace will present a seminar on "Canada—Soviet Relations." 311 Athabasca Hall.

#### Department of Agricultural Engineering

28 March, 3 p.m. Ray Hoensen, Industrial Technology Centre, Manitoba Research Council, will speak on "Computer-Aided Engineering Concepts for Modern Manufacturing." 2-3 Mechanical Engineering Building.

#### Department of English

28 March, 4 p.m. W.G. Watson will present a lecture entitled "Lawrence's *Virgin and the Gypsy*: Desire, Deconstruction, and the Scapegoat." 5-20 Humanities Centre.

31 March, 12:30 p.m. The University of Alberta's 1983-84 Writer-in-Residence, Samuel Selvon, will read from his works. 2-42 Humanities Centre.

#### Department of Sociology

29 March, 3 p.m. Colin Geitzler, Chief Consultant, Census Operations Division, Statistics Canada,

will discuss "Products and Services of the 1981 Census of Canada." 14-6 Tory Building.

31 March, 2 p.m. Greg Mason, Director, Institute for Social and Economic Research, University of Manitoba, will speak on "Mincome: Transformation from Social Experiment to Secondary Source." This seminar is co-sponsored by the Department of Economics. 1-91 Tory Building.

31 March, 3:30 p.m. Satyashu Mukherjee, Australian Institute of Criminology, will present a lecture on "Crime and the Women's Movement." 5-15 Tory Building.

#### Department of Botany

30 March, 3:30 p.m. Ahmad Hegazy will speak on "Variation of Internal Structure, Rooting Characteristics and Chemical Composition of Some Xerophytes." M137 Biological Sciences Building.

#### Limnology and Fisheries Discussion Group

31 March, noon. Lauren Turner will present a lecture on "Daily Activity, Habitat Use, and Distribution of Northern Pike in Roi Lake, Alberta." G217 Biological Sciences Building.

#### Department of Educational Psychology

31 March, noon. Allen Ivey, University of Massachusetts at Amherst, will present an address on "Conceptual Framework for Communication Skill Training." 1-109 Education North.

#### Department of Anthropology

31 March, 3:30 p.m. M. Jackes, Research Associate, will speak on "An Osteologist's View of 17th Century Smallpox: Europe and North America." 14-6 Tory Building.

## Music

#### Department of Music

The events listed below will be held in Convocation Hall, Arts Building, unless otherwise stated.

25 March, 5 p.m. A junior student recital with Susanna Boehm on the piano.

25 March, 8 p.m. A senior student recital featuring Marguerite Puik on the piano.

26 March, 2:30 p.m. A non-compulsory student recital with Alan Butcher, trumpet, and Glenn Archibald, viola.

26 March, 5 p.m. A junior student recital with Olga Federkewych, mezzo-soprano.

26 March, 8 p.m. A senior student recital with Roxanne Van Wyk on the piano.

27 March, 3 p.m. The University of Alberta Concert Band—Ernest Dalwood, conductor

28 March, 8 p.m. St. Cecilia Orchestra—Malcolm Forsyth, conductor.

29 March, 8 p.m. New Music at The University of Alberta.

30 March, 5 p.m. A junior student recital with Barbara Hallam on the organ.

30 March, 8 p.m. The University of Alberta Concert Choir Gala Concert—Leonard Ratzlaff, conductor.

31 March, 5 p.m. A junior student recital with Evelyn Millman on the organ.

31 March, 8 p.m. A senior student recital with Moira Hopfe on the piano.

## Exhibitions

Until 15 April. "Five Portfolios—Six Artists." This exhibition is drawn from the print collection of the National Gallery of Canada and offers a unique opportunity for Albertans to view five diverse international print portfolios collected during the 1970s. Ring House Gallery.

Until 31 May. Books of the Renaissance. The Bruce Peel Special Collections Room, B-37 Cameron Library.

## 75th Anniversary Events

The Brahms Library Display. To coincide with the 150th anniversary of the birth of Johannes Brahms, materials relating to the works and life of the composer. Rutherford Library Galleria.

Until 31 March. The Humanities and Social Sciences Library will highlight publications by members of the Department of Romance Languages in a display across from the Circulation Desk.

25 to 26 March. Pacific Northwest Renaissance Conference. Humanities and Fine Arts. Conference fee: \$50.

## Films

#### Department of Romance Languages

Wednesdays, 3 p.m. Italian Film Series—30 March: "Pausa" by Rossellini. 6 April: "L'eclisse" by Antonioni. With English subtitles. Arts 11

#### Department of Geography

30 March, 3 p.m. A preview of two films on "Acid Rain." 1-91 Tory Building. All are welcome.

## Radio and Television

### Radio

Programs broadcast on CKUA radio 580 AM and 94.9 FM.

25 March, 8 p.m. Voiceprint—"The Politics of Language and Political Writers."

26 March, 7 p.m. University Concert Hall—Concerts, recitals, and interviews with faculty and special guests of the Department of Music

30 March, 7 p.m. Behind the Curtain—"Pity and Terror" written by Russell Mulvey.

30 March, 7:30 p.m. Extensions—"Instructors in the Faculty of Extension discuss their subject areas."

30 March, 7:45 p.m. Perspectives—Issues underlying current events examined in lively debate format.

1 April, 8 p.m. Voiceprint—"Arabic Language and Literature."

### Television

Programs broadcast on Q-9 and C-13.

28 March, 9 p.m. Fires of Spring—"Traditional and controlled burning practices that established safety in the heavily wooded North."

# April

## 1983

March							May						
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30	31				

June						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



**sunday**

**3**

**10**

**17**

**24**

■ Until 19 April, Conference on "The Business Community and Canadian Universities," Four Seasons Hotel

**monday**

**4**

■ Easter Monday  
University Buildings Closed

**11**

■ Until 12 April, Symposium on International Affairs, SUB Theatre  
■ GFC Executive

**18**

**25**

■ GFC

**tuesday**

**5**

■ Last day for receiving applications for admission to the BFA program

■ Last day for receiving applications for admission to Summer Session 1983

**12**

**19**

**26**

**wednesday**

**6**

**13**

**20**

**27**

*Pictured is the first set of a limited (forty-six sets) edition of original fine art bronze sculptures created by John B. Weaver in honor of Universiade '83. The University recently purchased the (approximately) 52.5 cm high figures with a view to placing them in a display case in the Physical Education and Recreation complex. Mr. Weaver is an internationally acclaimed Canadian sculptor whose works are found in the collections of Queen Elizabeth II, The Governor-General of Canada, Washington D.C.'s Smithsonian Institute, Parks Canada, and others.*

y

thursday

friday

saturday

1

- Good Friday  
University Buildings Closed
- Deadline for submitting Spring and Summer requests to Cameron Library Reserve Room

2

7

8

- Board of Governors

9

14

15

16

- Final examinations begin except for students in Dentistry, Medicine and Law

21

22

23

28

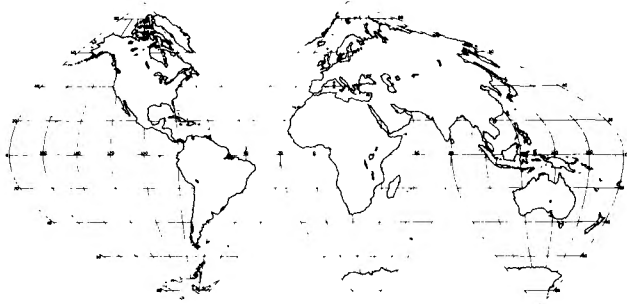
29

- Senate

30

The University of Alberta 75th Anniversary 1908-1983

# Symposium on International Affairs



Monday, 11 April and Tuesday, 12 April

SUB Theatre, Students' Union Building,  
University of Alberta, Edmonton, Canada

**Arnold C. Smith**

Former Canadian Secretary General to the  
Commonwealth

*Canada and World Politics: East-West, North-South*

**Tahseen Mohamed Basheer**

Egyptian Ambassador to Canada  
*Peace in the Middle East*

**Judge Manfred Lachs**

International Court of Justice  
*International Law: Perspectives of a World Order*

**John W. Holmes**

Canadian First Secretary to London  
*The Future of Yesterday*

**Rt. Hon. Sir Zelman Cowan**

Former Governor General of Australia  
*Prospects for the Law*

**Han Suyin**

Novelist and Historian  
*Looking Forward*

Tickets: \$10. Available through BASS, 432-5145

Further information:  
Office of Community Relations, 432-2325

30 March, 9 p.m. Faculty Profiles—Faculté  
Saint-Jean — French Language Version—"Le Meil-  
leur Investissement."

31 March, 9 p.m. Myoelectric Arms—"Bobbie,  
Bert, and Wendy—living and dealing with  
Myoelectric limbs."

## Matters of Faith

Lutheran Campus Ministry Worship each Sunday  
at 10:30 a.m. in the Newman Centre, the west  
basement of St. Joseph's College. All are welcome.

## SUB Theatre

### Films

24 March, 8 p.m. "Airplane II" (1982).

25 March, 8 p.m. "Fast Times at Ridgemont  
High" (1982).

28 March, 8 p.m. "Creepshow" (1982).

29 March, 8 p.m. "On Golden Pond" (1982)

### Music

26 March, 8 p.m. The Chinese Students Associ-  
ation presents a Variety Show. For more infor-  
mation, contact Margaret Yiu at 433-3530.

### Studio Theatre

Until 2 April, 8 p.m. "The Deer and the Antelope  
Play." For tickets, phone 432-2495.

## A University of Alberta 75th Anniversary Event

There is more to Dutch design than windmills  
and wooden clogs. Today's Holland offers  
new design approaches in public spaces and  
government communications.

**Muttart Conservatory,**  
9826-96A Street  
*last few days,  
until*  
**March 27**  
**11 am-9 pm**  
**daily**

*including weekends*

**Dutch Design: A Treat**

ptt

Nederla  
Spoorwege

25  
nederland

This exhibition was commissioned by the  
Dutch Ministry of Culture, Recreation and  
Social Work, designed by Studio Dunbar,  
The Hague, and is circulated in Canada by  
the Embassy of the Netherlands in Ottawa.

Edmonton showing arranged by  
W. Junakind, Department of Art and Design,  
University of Alberta, in conjunction with the  
Muttart Conservatory, Edmonton, Parks and  
Recreation.

## Non-Credit Courses

### Computing Services

#### Client Training Sessions

Computing Services is taking registrations between  
8:30 a.m. and noon for the following non-credit  
courses. Please phone 432-2261 first to confirm  
the dates. Payment is required in advance and  
clients who do not cancel two business days in ad-  
vance will be charged. For more information,  
contact Carey, Training Assistant, at 432-2261 or  
in 323 General Services Building.

#### Introduction to Computing at the U of A

Course number: 873. Date: 28 March. Time: 11  
a.m. to 1 p.m. Fee: \$10. Prerequisites: No pre-  
vious computing experience, but familiarity with a  
keyboard is required. Place: 351 GSB.

#### MTS and Editor Fundamentals

Course number: 894. Date: 30, 31 March. Time:  
11 a.m. to 1 p.m. Fee: \$15. Prerequisites:  
"Introduction to Computing" or equivalent working  
knowledge of a DECwriter terminal and the  
MTS system. Place: 351 GSB.

#### MTS Overview

Course number: 924. Date: 29, 31 March. Time:  
11 a.m. to noon. Fee: \$15. Prerequisites: "MTS  
and Editor Fundamentals." Place: 315/327 GSB or  
315/357 GSB.

## Faculty of Extension

### Business, Industrial and Professional Division

For further information on the courses listed below,  
call 432-5066 or 432-5067.

The Integrated Office (Combining Word and  
Data Processing for Productivity Improvement)  
Stocks, Bonds and Other Investments  
Organizational Climate  
Conflict Management, Mediation and Resolu-  
tion: A Management Approach  
The Art of Negotiating...With Anyone

### Field Trips

For further information on the courses listed below,  
call 432-5061.

Bamfield Marine Station Field Trip  
Mountain Hazards: Bears and Avalanches

### Applied Behavioral Sciences Division

For further information on the courses listed below,  
call 432-5069.

Organization Effectiveness: A Systems Ap-  
proach  
Communicating Effectively with 3-12 Year-  
Olds  
Assertion and Interpersonal Skills Training—  
Level I, Section E  
Assertion and Interpersonal Skills Training—  
Level I, Section F  
Assertion and Interpersonal Skills Training—  
Level I, Section G



### Management Studies for Women

For further information on the courses listed below, call 432-2230.

Cost Effective Office Management

### Real Estate Division

For further information on the courses listed below, call 432-5060.

Tactics, Techniques and Strategies in Real Estate Negotiations

Foreign Investment in California Real Estate:

Legal and Tax Strategy for the Non-Resident Investor

Investment Analysis—The Mathematics of Yield Measurement, Property Valuation and Ranking of Investment Alternatives

Management of Income Property

How to Survive, Compete, Expand and Make a Profit with Your Own Real Estate Company in the 1980s

Starting Your Own Building and Development Company

Sales and Acquisition—How to Avoid Making Costly Errors

Increasing Your Sales Potential

Second Mortgages: Investment for the 1980s

### Fitness and Lifestyle Courses

The Faculty of Extension is now offering Spring and Summer fitness programs. Some of the courses starting in April are: Fitness for Superfits, Fitness for Unfits, From Fat to Fit, Aerobic Dance Plus, Fitness for Nurses, The Incredible Machine, Tai Chi, Co-Ed Fitness, Fitness for Men, Fitness for Women, Relaxercise. If you would like further information on these courses, please call the Faculty of Extension at 432-2015 for a brochure.

### Courses in Microelectronics

For further information on the courses listed below, call 432-3914.

#### Microprocessor Interfacing

Date: 5 to 28 April. Time: 6 to 9:30 p.m.

#### Microprocessor Project

Date: 3 to 27 May. Time: 6 to 9:30 p.m.

## Notices

#### General Faculties Council

GFC's next meeting is scheduled for *Monday, 28 March* at 2 p.m. in the University Hall Council Chamber.

1. Approval of the Agenda
2. Approval of the Minutes of 28 February 1983
3. Question Period
4. New Members of GFC 1983-84

#### Reports

5. Executive Committee Reports
- 5.1 Executive Committee Minutes of 21 February 1983
- 5.2 Executive Committee Minutes of 7 March 1983
- 5.3 Executive Committee Minutes of 21 March 1983
6. Report of the Board of Governors
7. Report of the Nominating Committee

#### New Business

8. BFA (Art and Design) Program: Change to Promotion Average

#### 9. GFC Nominating and Executive Committees:

Extension of Students' Terms of Office  
10. Other Business\*

\*To check on any late additions to the above agenda that may have resulted from the 21 March meeting of the GFC Executive Committee, kindly telephone the Secretary to GFC, 432-4965.

## Positions Vacant

*The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

#### Director of Student Counselling Services

Applications and nominations are invited from University faculty for the position of Director of Student Counselling Services. The professional staff of Student Counselling Services provides a variety of individual and group services to University students and prospective students. Candidates should have a PhD in counselling or clinical psychology or equivalent. The Director will be responsible for budgetary and personnel decisions and will be expected to maintain an active role in counselling, the supervision of counselling trainees and interns, and in consultation and liaison activities within the University community. A joint appointment with another department may be considered.

Further information may be obtained by contacting the Office of the Dean of Students (432-2968). Applications or nominations should be sent no later than 18 April 1983 to: Dean of Students, 234 Athabasca Hall.

Applications should be accompanied by a detailed resume of qualifications and experience and names of three referees. The appointment will take effect 1 July 1983 or as soon thereafter as possible.

#### Illustrations Co-ordinator

Illustrations Co-ordinator required to work part-time, 20 hours a week, on acquisitions, permissions, co-ordination and filing illustrations for *The Canadian Encyclopedia*. Experience in publishing an asset. Submit applications to: The Managing Director, New Canadian Encyclopedia, 11032 - 89 Avenue, Edmonton, Alberta T5G 2E1.

#### Co-operative Education Co-ordinators

The Engineering Placement Office requires two Co-operative Education Co-ordinators to co-ordinate interim employment of Engineering students within organizations in an assigned geographic area in western Canada. You will be responsible for: developing and securing quality co-operative positions in industry and government; counselling and advising students and monitoring student progress in placements; liaising with the Faculty of Engineering, registered students, and the employer community.

Qualified applicants should have an undergraduate degree and 3 to 5 years of responsible administrative, public relations, or technical experience. You should possess strong communication skills with a high degree of initiative and independence.

Salary: \$22,590 - \$33,884 per annum (subject to adjustment 1 July 1983). A comprehensive benefits program is offered.

Considerable travel is required in both positions

Please submit applications by 4 April 1983 to: P. Kushnir, Director, Engineering Placement Office, 602 Students' Union Building, The University of Alberta, Edmonton, Alberta T6G 2J7.

## Non-Academic Positions

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 18 March 1983. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in P.S.S.R.*

Clerk Steno II (Trust) (\$1,106-\$1,324) Engineering Placement Office  
Library Assistant II (\$1,373-\$1,682) Faculté Saint-Jean  
Secretary (Trust) (\$1,373-\$1,682) Institute of Law Research and Reform  
Departmental/Executive Secretary (Term) (\$1,548-\$1,908) Physical Education and Recreation  
Technician I (Trust, Term) (\$1,426-\$1,754) Home Economics  
Chemistry Technician I (Trust, Part-Time) (\$713-\$877) Chemistry  
Biochemistry Technician I-Technologist II (Trust) (\$1,426-\$2,265) Oral Biology  
Editorial Assistant (Trust) (\$1,682-\$2,078) Extension-Legal Resource Centre  
Applications Analyst (\$1,754-\$2,171) Office of the Registrar  
Console Operator (\$1,908-\$2,368) Computing Services  
Programmer/Analyst II (Trust) (\$2,472-\$2,581) Computer Engineering  
Programmer/Analyst III (\$2,472-\$3,085) Computing Services

For vacant library positions, please contact the Library Personnel Office, 5th floor, Cameron Library, phone 432-3339.

## Advertisements

*Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.*

#### Accommodations available

For rent - Fully furnished, four bedroom convenient, Bluequill home. August 83 - July 84. 432-5979, 436-9302.  
Sabbatical house - Greenfield. Aug. 1983-84. Fully furnished, three bedrooms, finished basement, double detached garage, quiet neighborhood, half block from bus pick-up. \$800/month. Call 436-6566.  
For rent - Five bedroom, furnished house. Lendrum. Garage, fenced, \$900. Available 1 May 434-1203.  
For sale - Inglewood home. \$69,900. Three bedrooms, two storey, hardwood floors, recently refinished, ten minutes to University/downtown. 455-2947 evenings.  
For sale - Renovated, Belgravia bungalow (immaculate). Charming kitchen (all appliances),

sparkling bathrooms, appealing, quiet avenue. DeAnna Larson 481-0936, 436-5250. Spencer's.

For sale - By owner. North Windsor Park. Immaculate bungalow in quiet location, one block from University. New carpets, rumpus room in basement, double garage, mature trees. 433-6795.

For rent - 1 July for 14 months. Malmo, fully furnished, three bedroom bungalow \$750/month. 436-9907, 432-5420.

For rent - Furnished, one bedroom apartment, Spruce Grove, May - September. 962-8603.

For sale - By owner. Attractively renovated, older, semi-bungalow, near University. 1,120 sq. ft. \$82,000. No agents. 432-7162.

For sale - Two bedroom bungalow with excellent basement suite for revenue. Martin Estates location, convenient for University. Double garage, large lot, super condition. Call Luana Houston, 434-5372, 437-7480. \$71,900.

For rent - One bedroom suite and two bedroom bungalow, both close University. Negotiable rent. Available 1 April or 1 May. 432-4178.

For sale - One block to campus. Large, four bedroom home with oak floors throughout. Three baths, double garage and finished basement. Call Wayne or Robyn, 436-0444. Royce Realty.

For sale - One block south of University. Three bedroom semi-bungalow with finished basement, (possible suite). Call Robyn or Wayne, 436-0444. Royce Realty.

For rent - Luxury home, Saskatchewan Drive. \$1,200 unfurnished, \$1,500 furnished. 439-3833.

Sublet - 1 May - 31 Aug. Furnished, one bedroom in highrise apartment. One block from campus. \$450. 466-1528.

For rent - Fully furnished, four bedroom split. One month-July. Greenfield. Convenient. References. 432-5971, 436-4307.

By owner - Petrolia, 11732 39 Ave. 434-7087.

1,400 sq. ft. Family living, four bedrooms, three bathrooms, two fireplaces, double detached garage, patio, and more. \$119,500

For sale - Good buys. Millcreek \$54,500 - Westmount \$59,900 - Downtown condos \$54,800, \$ 65,500. Resi Richter, 483-9432. A.E. LePage.

For sale - Glenora. Two bedroom bungalow, developed basement, reduced \$82,900. Resi Richter 483-9432. A.E. LePage.

For sale - Patricia Drive. Ravine lot. Resi Richter, 483-9432. A.E. LePage.

For sale - Valleyview. Executive bungalow. 1,760', \$179,900. Resi Richter, 483-9432. A.E. LePage.

For rent - Cozy house near University. available 1 May. 436-8185 evenings.

For sale - Aspen Gardens. Four bedrooms, main floor family room, double attached garage. \$114,000. DeAnna Larson, 481-0936, 436-5250. Spencer's

#### Accommodations wanted

Three or more bedroom house in Garneau or Windsor Park. \$750 month maximum. Mature students seeking house for family living. Call Gord, 439-6092 evenings. May 1st. Conscientious grad student looking for house to sit while owner on sabbatical. Brett, 432-4574.

#### Autos and others

1979 Z28 Camaro. White/blue interior. Very good condition. Automatic, power steering, air conditioning, etc. New tires and brakes. Lady driven 55,000 km. \$6,500. Call Margaret, 432-3249 (campus) days, 488-2824 evenings.

#### Goods for sale

320 acres. 55 minutes from Edmonton. Total price \$70,000. Small lake, terms available. Dan at Langley, 436-3050.

Piano: beautiful, teakwood Yamaha, like new. Value at \$4,700. Phone 439-0702.

#### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419. Singing teacher, Eileen Turner 439-4661.

Spring will soon be here. Bring in an idea, picture, or pattern and walk out with a garment that's yours alone. Alterations, too. Shirley DeChamplain, 10620-126 St. 454-7048. Appointment only.

Whiplash injuries? Spine specialist Marie Krieg, University trained in Duesseldorf, relieves backaches and tension using heat, medical mas-

sages, chirogymnastics and interferential electrotherapy. Marie Krieg Physiotherapy, 436-8059.

Canadian Tax Returns - Eberlein Consulting. 434-0563.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064. Custom dressmaking and design. European trained. Call Jacqueline, 433-4870.

Take French courses at Ecole Alliance Francaise. Spring session. 18 April - 15 June. 435-2260.

Books - Bought and sold. The Edmonton Book Store in the HUB Mall will pay cash for book collections and individual rare items. Appraisals available. Open seven days a week. 433-1781.

Income Tax prepared by professional accountant. Phone 483-2035 evenings, anytime weekends.

## Co-ordinator

### Committee for the Improvement of Teaching and Learning

The University of Alberta requires a co-ordinator for the Committee for the Improvement of Teaching and Learning. Amongst the responsibilities of the incumbent will be the setting up of a human resources and audio-visual resources file relating to the improvement of university teaching and its evaluation, the organization of workshops and seminars, and possibly the co-ordination of a system of individual consultation for improving teaching. The salary for an initial eleven month appointment will be \$19,000, commencing July 1, 1983.

Applicants ideally should possess a higher degree in an academic field, and have some experience teaching in a post-secondary institution.

Applications, with a curriculum vitae and three letters of reference, should be addressed to Dr. J. Hoddinott, C.I.T.L., Department of Botany, University of Alberta, Edmonton, Alberta, T6G 2E9, and be received by May 16, 1983.

*The University of Alberta is an equal opportunity employer, but in accordance with Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.*

## Tax

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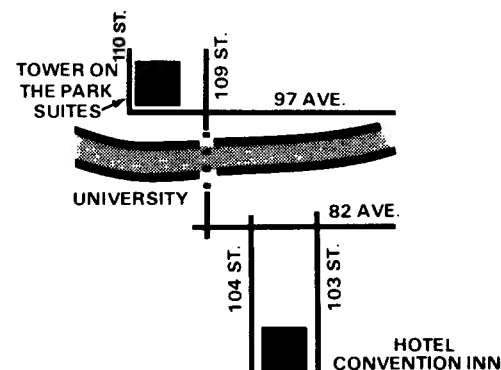
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